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ABSTRACT:

The invention relates to a detector for the detection of electromagnetic radiation, which detector includes at least one scintillator (6), at least one CMOS chip (3) and a ceramic basic element (4), a respective intermediate layer (2) that is free from bubbles and defined in respect of its gap width being provided each time between the scintillator (6) and the CMOS
5 chip (3) and between the CMOS chip (3) and the ceramic basic element (4), the intermediate layer (2) containing at least two adhesives (A, B) of different consistency and spacers (5).